

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Divisional Application of USSN: 09/508,458

Group Art Unit: **1742** (expected)

**TSUCHIYA, et al.**

Examiner: **Sikyin Ip** (expected)

Serial No.: **Unassigned**

Filed: **Herewith**

For. **THIXOCAST FE-BASED ALLOY MATERIAL AND PROCESS FOR HEATING  
THE SAME**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 9, 2003

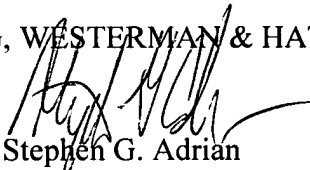
Sir:

This Information Disclosure Statement is being filed in order to comply with Applicant's duty of disclosure under 37 CFR 1.56. The documents listed on the Forms PTO-1449 were made of record in parent application Serial No. 09/508,458.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosure: PTO-1449 (2)

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| <b>INFORMATION<br/>DISCLOSURE<br/>CITATION<br/>PTO-1449</b> | Atty. Docket No. <b>000138A</b>       | Serial No. <b>Unassigned</b>           |
|   | Applicant(s): <b>TSUCHIYA, et al.</b> |  |
|   | Filing Date: July 9, 2003             | Group Art Unit: <b>1742</b> (expected) |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initial |    | Document No. | Name             | Date     | Class | Subclass | Filing Date<br>(If appropriate) |
|---------------------|----|--------------|------------------|----------|-------|----------|---------------------------------|
| _____               | AA | 4,345,943    | Takahashi et al. | 8/24/82  | 75    | 238      |                                 |
| _____               | AB | 6,136,101    | Sugawara et al.  | 10/24/00 | 148   | 321      |                                 |

### FOREIGN PATENT DOCUMENTS

|       |    | Document No.    | Date    | Country | Translation<br>(Yes or No) |
|-------|----|-----------------|---------|---------|----------------------------|
| _____ | AC | 10068041        | 3/10/98 | Japan   |                            |
| _____ | AD | WO 98/10111     | 3/12/98 | WIPO    |                            |
| _____ | AE | EP 0 864 662 A1 | 9/16/98 | Europe  |                            |
| _____ | AF | 6-106321        | 4/19/94 | Japan   |                            |
| _____ | AG | 5-43978         | 2/23/93 | Japan   |                            |
| _____ | AH | 10-152745       | 6/9/98  | Japan   |                            |
| _____ | AI | 10-195586       | 7/28/98 | Japan   |                            |
| _____ | AJ | 11-50140        | 2/23/99 | Japan   |                            |

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| Examiner | Date Considered |
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#### OTHER DOCUMENTS

|  |                 |  |          |                 |
|--|-----------------|--|----------|-----------------|
| _____  | AK              | Translation of "Übersicht über die Sorten der verschleißfesten weißen Gußeisen" ("Overview of the types of wear-resistant white cast iron"), <u>GIESEREI-PRAXIS</u> , pages 8-11; January 1973.  |          |                 |
| _____  | AL              | Translation of Frick et al.; "Untersuchung über die Wirkung von Legierungs-elementen im weißen Gußeisen (Hartguß)", ("An Investigation of the effect of alloying elements in white cast iron (hard cast iron)", <u>GIESEREI-PRAXIS</u> , PAGE 183; January 1973. |          |                 |
| _____  | AM              | Translation of "Neue Erkenntnisse in der Metallurgie des Gußeisens" ("New discoveries in the metallurgy of cast iron"), <u>GIESEREI-PRAXIS</u> , pages 309-310; August 1958.   |          |                 |
| _____  | AN              | Translation of "Der Einfluß des Kohlenstoffs" ("Is there a lower limit for the carbon content of high quality cast iron (grey cast iron)?"), page 235.   |          |                 |
| _____  | AO              | Translation of "Titan" ("Titanium"); <u>GIESEREI-PRAXIS</u> , page 161; September 1971.  |          |                 |
| _____  | AP              | Translation of "ZEITSCHRIFTENSCHAU" ("Journal Summary"), <u>Gießereitechnik</u> , page 283; September 1980.  |          |                 |
| <table border="1"><tr><td>Examiner</td><td>Date Considered</td></tr></table> |                 |  | Examiner | Date Considered |
| Examiner   | Date Considered |  |          |                 |